

What is claimed is:

1. A wireless display system composed of an image display device and a data processing device connected through wireless communication means, said wireless display system comprising:

5 data input and output means for input and output of data in and
from said image display device,

input and output data converting means for converting data format and protocol in said wireless communication means, and

input and output processing virtual means for making virtual data
10 input and output process in said data processing device as if the data input
and output means were connected directly,

wherein said data input and output means and input and output data converting means are provided in said image display device,

said input and output processing virtual means is provided at said
15 data processing device side, and

all data about data input and output communicated between said image display device and data processing device are mutually transmitted and received through said input and output data converting means and input and output processing virtual means.

20 2. The wireless display system of claim 1,

wherein said image display device further comprises power saving control means, and said power saving control means sets the image display device in first power saving mode when the image display device is not operated for a specific time.

25 3. The wireless display system of claim 2,

wherein said power saving control means sets the image display device in second power saving mode for saving more power than in first

said image display device and data processing device comprising the steps of:

(a) entering and producing data in and from said image display device,

5 (b) converting data format and protocol in the wireless communication, and

(c) processing input and output in said data processing device virtually as if data input and output processing were done directly,

wherein step (a) and step (b) are done at the image display device
 10 side, step (c) is done at the data processing device side, and all
 communication data between said image display device and data processing
 device is processed at step (b) and step(c), and is mutually transmitted and
 received.

9. A computer program recording medium for executing
15 communications of wireless display system having said image display
device and data processing device comprising the programs for:

(a) entering and producing data in and from said image display device,

(b) converting data format and protocol in the wireless
20 communication, and

(c) processing input and output in said data processing device virtually as if data input and output processing were done directly,

wherein program (a) and program (b) are executed at the image display device side, and program (c) is executed at the data processing device side, and all communication data between said image display device and data processing device is transmitted and received by execution of program (b) and program (c).